



Hauff- Ortol

(Registered Trade Mark)

Instructions for use.

I. Ortol-Soda.

A	Water	1000 parts or 35 oz.	
	Metabisulphite of potash .	7½ " "	115 grains.
	Hauff-Ortol	15 " "	225 "
B	Water	1000 parts or 35 oz.	
	Carbonate of Soda cryst. .	120 " "	4½ "
	Sulphite of sodium cryst. .	180 " "	6½ "
	Bromide of Potassium . .	1—2 " "	15-30 grains.

For **quick** development take:

1 part A, 1 part B.

For **slow** and **soft** development take:

1 part A, 1 part B, 1 part Water.

The negatives are fixed in an **acid** fixing bath.



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II. Ortol-Potash.

A	Water	1000 parts or	35 oz.
	Metabisulphite of potash .	7½ " "	115 grains
	Hauff-Ortol	15 " "	225 "
B	Water	1000 parts or	35 oz.
	Carbonate of potash . . .	60 " "	2 "
	Sulphite of sodium cryst.	180 " "	6½ "
	Bromide of Potassium . .	1—2 " "	15-30 grains.

For **quick** development take:

1 part A, 1 part B.

For **slow** and **soft** development take:

1 part A, 1 part B, 1 part Water.

The negatives are fixed in an **acid** fixing bath.

Ortol works **clearly** and gives **vigorous density**. The negatives show **fine and brownish-black grain**; the image appears normally in about 20 seconds and is completely developed in 4—5 minutes.

If **still more rapid** development is required with **vigorous density** and a **more brownish colour**, it is recommended to leave out entirely from the Solution B the Sulphite of sodium.

By changing the proportions of solutions A and B the developer can be adapted to **every make of plates**.

If Solution A is increased and Solution B decreased, **harder** negatives are obtained.

By decreasing Solution A and increasing Solution B **soft** results may be had.

Bromide of potassium (1 : 10) acts **extremely retarding** and Caustic Alkali (1 : 10) acts **on the rapidity energetically**.

The used developer can be used over again.

Ortol keeps in well closed bottles for a long time, provided Solution B contains the Sulphite of sodium: if the Sulphite of sodium is left out, the used developer should be employed only on the same day. Solutions which have become brown, have no more developing power.

Bromide paper.

Ortol is very suitable for development of Contact-Prints and Enlargements on Silver Bromide Paper. The results obtained are **extremely clear** and have a **good tone** (from grey to deep black, according to the exposure and concentration).

Use the same developer as for plates.

With a larger quantity of water softer tones and with less water harder tones are obtained.

Proceed to fix in an acid fixing bath.

**Hauff-Ortol can be obtained from all Dealers in
Photographic Materials.**

Sole Importer and Agent for the United States

G. Gennert

24 & 26 East 13th Street, New-York

Manufactured by

J. Hauff & Co., G. m. b. H., Feuerbach
Württemberg.

Photographic Departement.